

**ABSTRACT OF THE DISCLOSURE**

A network is disclosed that includes a first subnetwork including a first plurality of nodes interconnected by a first plurality of links, with nodes in the first plurality having a first capacity. A second subnetwork includes a second plurality of nodes interconnected by a second plurality of links, with nodes in the second plurality having a second capacity, and with the second capacity being higher than the first capacity. A third plurality of links is also provided between nodes in the first subnetwork and the second subnetwork.

200010-00000000